

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An optical disc player, comprising:

a detecting module for detecting whether the player is playing out ~~essential content or whether playing out of essential content is currently interrupted~~ in an abnormal playing status or is not in the abnormal playing status, and sending a searching command when the playing out of essential content is detected to be currently interrupted in response to detecting the abnormal playing status;

a searching module for searching a URL list stored on an optical disc in response to the search command to identify a URL in the URL list which provides a link to information which is required for playing out of essential content of the optical disc ~~after the abnormal playing status ends~~, but which has not yet been downloaded; and

a network management apparatus for accessing one or more URLs identified by the search module in response to detecting that the player is in the abnormal playing status, to download information that is required ~~for playing out essential content only while the player is detected to not be playing out essential content~~ while the player is playing and is not in the abnormal playing status, wherein content required when the abnormal playing ends is downloaded prior to the abnormal playing status ending such that playing is not interrupted.

2. (Currently amended) The optical disc player according to claim 1, further comprising:

a storage for storing the downloaded information ~~to be subsequently accessed and used when the playing out of essential content is subsequently detected.~~

3-5. (Canceled)

6. (Currently amended) A method of playing an optical disc,
comprising acts of:

detecting whether playing out of essential content is an
abnormal playing status of a player is currently occurring or
whether playing out of essential content is currently interrupted
the player is currently playing and is not in the abnormal playing
status;

in response to detecting that the abnormal playing status of
the player is currently occurring, searching a URL list stored on
an optical disc in response to the search command to identify a URL
in the URL list which provides a link to information which is
required to be downloaded for the playing out of essential content
of the optical disc, but which has not yet been downloaded, if the
playing out of essential content is detected to be currently
interrupted; and

in response to detecting that the abnormal playing status of
the player is currently occurring, accessing one or more URLs
identified by the searching to download the information that is
required for the playing out of essential content, wherein the

~~accessing occurs only while the player is detected to not currently~~
~~be playing out essential content~~ which is required after the
abnormal playing status ends, wherein content required when the
abnormal playing ends is downloaded prior to the abnormal playing
status ending such that playing is not interrupted.

7. (Currently amended) The method according to claim 6, wherein the
act of searching includes ~~waiting until the playing out of~~
~~essential content is interrupted prior to searching the URL of the~~
information which is not yet downloaded only when the abnormal
playing status is detected.

8. (Currently amended) The method ~~of~~ according to claim 6, further
comprising ~~the an~~ act of storing the downloaded information for
subsequent access and use ~~when the playing out of essential content~~
~~is subsequently detected.~~

9-10. (Canceled)

11. (New) The optical disc player according to claim 1, wherein the searching module is configured to only search when the abnormal playing status is detected.

12. (New) The optical disc player according to claim 1, wherein the abnormal playing status includes a pause status of the player.

13. (New) The optical disc player according to claim 1, wherein the abnormal playing status includes when director annotation information is being provided by the player.

14. (New) The optical disc player according to claim 1, wherein the abnormal playing status includes when copyright information is being provided by the player.

15. (New) The method according to claim 6, wherein the abnormal playing status includes a pause status of the player.

16. (New) The method according to claim 6, wherein the abnormal playing status includes when director annotation information is being provided by the player.

17. (New) The method according to claim 6, wherein the abnormal playing status includes when copyright information is being provided by the player.